

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Suan J. Boon	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	303.601US3
Title:	METHOD OF PACKAGING AT A WAFER LEVEL		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicant's prior U.S. application, Serial No. 09/505018, filed on February 16, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120.

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

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By his Representatives,

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Date of Deposit: November 26, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Boon, Suan
Group Art Unit	Unknown
Examiner Name	Nguyen, DiLinh

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-3,040,119	06/19/1962	Granzow, C. E.	174	68.5	12/27/1960
	US-3,320,658	05/23/1967	Bolda, F. J., et al.	29	155.5	06/26/1964
	US-3,396,894	08/13/1968	Ellis, R. H.	228	56	05/11/1965
	US-3,472,365	10/14/1969	Tiedema, T. J.	206	56	09/25/1967
	US-3,535,769	10/27/1970	Goldschmied, S.	29	472.1	10/25/1966
	US-3,719,981	03/13/1973	Steitz, R. R.	29	423	11/24/1971
	US-3,744,129	07/10/1973	Dewey Jr., D.	29	624	02/09/1972
	US-3,750,265	08/07/1973	Cushman, R. H.	29	471.3	04/05/1972
	US-3,982,320	09/28/1976	Buchoff, L. S., et al.	29	630 R	02/05/1975
	US-4,099,615	07/11/1978	Lemke, T. A., et al.	206	329	02/26/1976
	US-4,142,286	03/06/1979	Knuth, K. V., et al.	29	626	03/15/1978
	US-4,209,893	07/01/1980	Dyce, J. W., et al.	29	522 R	10/24/1978
	US-4,216,350	08/05/1980	Reid, G. R.	174	68.5	11/01/1978
	US-4,664,309	05/12/1987	Allen, L. J., et al.	228	180.2	06/30/1983
	US-4,705,205	11/10/1987	Allen, L. J., et al.	228	180.2	05/14/1984
	US-4,712,721	12/15/1987	Noel, R., et al.	228	56.3	03/17/1986
	US-4,903,889	02/27/1990	Svendsen, L. G., et al.	228	180.2	07/19/1989
	US-5,001,542	03/19/1991	Tsukagoshi, I., et al.	357	68	11/30/1989
	US-5,219,117	06/15/1993	Lin, P. T.	228	253	11/01/1991
	US-5,442,852	08/22/1995	Danner, P. A.	29	843	10/26/1993
	US-5,477,160	12/19/1995	Love, David G.	324	755	08/06/1993
	US-5,483,174	01/09/1996	Hembree, D. R., et al.	324	765	02/03/1994
	US-5,523,628	06/04/1996	Williams, Ronald, et al.	257	777	08/05/1994
	US-5,658,827	08/19/1997	Aulicino, A. M., et al.	228	180.22	10/31/1995
	US-5,674,785	10/07/1997	Akram, S., et al.	437	217	11/27/1995
	US-5,696,031	12/09/1997	Wark, J. M.	437	209	11/20/1996
	US-5,713,744	02/03/1998	Laub, M. F.	439	71	09/28/1994
	US-5,716,222	02/10/1998	Murphy, J. V.	429	91	08/08/1996
	US-5,736,456	04/07/1998	Akram, S.	438	614	07/17/1996
	US-5,739,585	04/14/1998	Akram, S., et al.	257	698	07/29/1996
	US-5,789,271	08/04/1998	Akram, S.	438	18	03/18/1996
	US-5,808,360	09/15/1998	Akram, S.	257	738	05/15/1996
	US-5,811,879	09/22/1998	Akram, S.	257	723	11/20/1997
	US-5,817,540	10/06/1998	Wark, J. M.	438	107	09/20/1996
	US-5,825,195	10/20/1998	Hembree, D. R., et al.	324	765	10/30/1995
	US-5,834,339	11/10/1998	Distefano, Thomas, et al.	438	125	03/07/1996
	US-5,834,366	11/10/1998	Akram, S.	438	614	08/19/1997

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

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Application Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Boon, Suan
Group Art Unit	Unknown
Examiner Name	Nguyen, DiLinh

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	US-5,851,845	12/22/1998	Wood, A. G., et al.	438	15	12/18/1995
	US-5,851,911	12/22/1998	Farnworth, W. M.	438	614	12/16/1996
	US-5,861,323	01/19/1999	Hayes, D. J.	438	111	06/06/1994
	US-5,866,951	02/02/1999	Gademann, L., et al.	257	783	04/12/1993
	US-5,891,753	04/06/1999	Akram, S.	438	108	01/24/1997
	US-5,898,224	04/27/1999	Akram, S.	257	778	10/22/1997
	US-5,903,058	05/11/1999	Akram, S.	257	778	04/23/1997
	US-5,917,242	06/29/1999	Ball, M. B.	257	737	05/20/1996
	US-5,936,305	08/10/1999	Akram, S.	257	723	09/22/1998
	US-5,956,605	09/21/1999	Akram, S., et al.	438	613	09/20/1996
	US-5,973,396	10/26/1999	Farnworth, W. M.	257	698	02/16/1996
	US-5,973,403	10/26/1999	Wark, J. M.	257	777	08/19/1997
	US-5,982,018	11/09/1999	Wark, J. M., et al.	257	532	05/23/1997
	US-5,994,166	11/30/1999	Akram, S., et al.	438	108	03/10/1997
	US-6,001,724	12/14/1999	Stansbury, D. M.	438	617	11/24/1997
	US-6,051,878	04/18/2000	Akram, S., et al.	257	686	01/19/1999
	US-6,060,769	05/09/2000	Wark, J. M.	257	666	09/30/1997
	US-6,071,754	06/06/2000	Wark, J. M.	438	106	08/19/1997
	US-6,072,236	06/06/2000	Akram, S., et al.	257	698	03/07/1996
	US-6,078,100	06/20/2000	Duesman, K. G., et al.	257	690	01/13/1999
	US-6,080,264	06/27/2000	Ball, M. B.	156	292	03/14/1997
	US-6,083,820	07/04/2000	Farnworth, W. M.	438	614	10/27/1998
	US-6,084,297	07/04/2000	Brooks, J. M., et al.	257	698	09/03/1998
	US-6,147,401	11/14/2000	Solberg, V.	257	723	02/08/1900
	US-6,222,259	04/24/2001	Park, S. W., et al.	257	690	09/10/1999
	US-6,229,209	05/08/2001	Nakamura, Y., et al.	257	737	02/16/1996
	US-6,239,367	05/29/2001	Hsuan, Min-Chih, et al.	174	52.4	02/01/1999
	US-6,265,776	07/24/2001	Gilleo, K.	257	738	04/27/1998
	US-6,300,673	10/09/2001	Hoffman, Paul, et al.	257	666	05/05/1995
	US-6,335,571	01/01/2002	Capote, M. A., et al.	257	787	03/02/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Shin-Etsu Connectors - AF Type", Shin-Etsu, http://www.shinetsupolymer.com/aftype.htm , (1997), pg. 1	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

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Group Art Unit	Unknown
Examiner Name	Nguyen, DiLinh

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Attorney Docket No: 303.601US3

		"Shin-Etsu Connectors - GB- Matrix Type", <u>Shin-Etsu</u> , http://www.shinetsupolymer.com/gbmttype.htm , (1997), pp.1-2	
		LAU, J. H., <u>Ball Grid Array Technology</u> , ISBN 0-07-036608-X, (1995), pp 132, 133, 188-192	

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